Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Cancelled)

2. (Currently amended) A computer system, comprising:
a host processor;
an input device coupled to said host processor; and
a bridge coupled to said host processor, said bridge couples together a first bus and a second bus;
wherein said bridge drives a signal on the first bus if said signal is being actively driven by a device coupled to the second bus, but not if said signal is only being actively driven by a device coupled to the first bus and ~~The computer system of claim 1~~ wherein said bridge includes a comparator to drive said signal, said comparator has one input coupled to a threshold and another input coupled to the signal from both the first and the second bus.

3. (Original) The computer system of claim 2 wherein said threshold is set at a level between the level at which a device on the first bus would cause said signal to be driven to and the level at which a device on the second bus would cause said signal to be driven to.

4. (Original) The computer system of claim 2 wherein said bridge includes a comparator for each signal on each of said first and second buses, each comparator used to drive a signal on one of the buses if such signal is being actively driven by a device coupled to the other of said buses, but not if the signal is only being driven by a device coupled to the bus having the signal being driven by the comparator.

5. (Original) The computer system of claim 4 wherein the bridge includes a logic gate coupled to each comparator, said logic capable of being disabled by an enable signal to disable the bridging function of the bridge.

6. (Original) The computer system of claim 4 wherein said bridge includes a resistor which causes the voltage level of a signal actively driven by a device coupled to the first bus to be different than when that same signal is actively driven by a device coupled to the second bus.

7. (Currently amended) The computer system of claim ~~1~~2 wherein said first and second buses comprise buses on which more than one device can actively and concurrently drive a signal on the buses.

8. (Currently amended) The computer system of claim ~~1~~2 wherein said first and second buses comprise I^2C buses.

9. (Currently amended) A bridge device coupling together a first bus and a second bus, each bus having a plurality of bus signals that are similar to bus signals found on the other bus and each bus being capable of being coupled to a bus device, comprising:

a plurality of comparators, ~~each comparator causing a signal on one of the buses to be driven,~~ each of the plurality of comparators having a first input and a second input, a threshold voltage coupled to the first input of each of the plurality of comparators and the second input of each of the plurality of comparators is coupled to a one of the plurality of similar bus signals from both said first and second buses.

10. (Original) The bridge device of claim 9 wherein each comparator causes a signal on one of the buses to be driven if that signal is being actively driven by a bus device coupled to the other of said buses, but not if the signal is only being actively driven by a bus device coupled to the bus having the signal being driven by the comparator.

11. (Currently amended) The bridge device of claim 9 wherein said threshold voltage of each comparator is set at a level between the level at which a bus device on the first bus would cause said one of the plurality of similar bus signals to be driven to and the level at which a bus device on the second bus would cause said one of the plurality of similar bus signals to be driven to.

12. (Original) The bridge device of claim 9 wherein the bridge includes a logic gate coupled to each comparator, said logic gate capable of being disabled by an enable signal to disable the bridging function of the bridge.

13. (Original) The bridge device of claim 9 wherein said first and second buses comprise buses on which more than one device can actively and concurrently drive a signal on the buses.

14. (Original) The bridge device of claim 9 wherein said first and second buses comprise I^2C buses.

15. (Original) A method of bridging two buses together, comprising:
(a) comparing the voltage level of a bus signal coupled to both buses to a threshold level;
(b) determining which bus is actively driving said bus signal; and
(c) asserting said bus signal on one of the buses if such signal is being actively driven by the other of said buses.

16. (Original) The method of claim 15 wherein said buses include a plurality of signals and (a), (b) and (c) are performed for each of said signals.

17. (Original) The method of claim 15 wherein said buses comprise I^2C buses.

18. (Currently amended) A computer system, comprising:

a host processor; and

a bridge coupled to said host processor, said bridge couples together a first bus and a second bus, said bridge including a plurality of cross-coupled comparator units that determine ~~includes a means for determining~~ whether a the first or second bus is actively asserting a bus signal and driving said signal on the other of said first or second buses.

19. (Original) A bridge interconnecting two buses including a plurality of cross-coupled comparator units that determine which bus is actively driving a bus signal or whether both buses are actively driving said bus signal.